


**INFORMATION DISCLOSURE  
CITATION**

(Use several sheets if necessary)

APPLN. NO.

10/686,529

APPLICANT

HELLINGA et al.

FILING DATE

October 16, 2003

ATTY. DKT. NO.

1579-863

GROUP

1645

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	6,277,627	08/2001	Hellinga			
BR						
CR						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					
	OR					
	PR					

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

ll	QR	Hellinga et al. "Construction of new ligand binding sites in proteins of known structure" J. Mol. Biol. 222:763-785 (1991)
ll	RR	Looger et al. "Computational design of receptor and sensor proteins with novel functions" Nature 423:185-190 (2003)
ll	SR	Marvin et al. "The rational design of allosteric interactions in a monomeric protein and its applications to the construction of biosensors" Proc. Natl. Acad. Sci. USA 94:4366-4371 (1997)
ll	TR	Marvin et al. "Conversion of a maltose receptor into a zinc biosensor by computational design" Proc. Natl. Acad. Sci. USA 98:4955-4960 (2001)
ll	UR	Marvin et al. "Engineering biosensors by introducing fluorescent allosteric signal transducers: Construction of a novel glucose sensor" J. Am. Chem. Soc. 120:7-11 (1998)
ll	VR	Salins et al. "A novel reagentless sensing system for measuring glucose based on the galactose/glucose-binding protein" Analytical Biochem. 294:19-26 (2001)
ll	WR	Tolosa et al. "Glucose sensor for low-cost lifetime-based sensing using a genetically engineered protein" Analytical Biochem. 267:114-120 (1999)
ll	ZR	Supplementary Partial European Search Report for related Application No. 03809022 (2006)
	AAR	
	BBR	

\*Examiner

Date Considered

3/1/07

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)